

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-27 (canceled)

Please add the following new claims:

Claim 28 (new): A method for detecting a polypeptide encoded by a nucleic acid that is amplified in lung or colon tumors comprising:

contacting a lung or colon tissue sample from a mammalian subject with an antibody that specifically binds to a polypeptide shown in Figure 20 (SEQ ID NO:50);
and detecting binding of said antibody to said polypeptide.

Claim 29 (new): The method of claim 28, wherein said antibody is a monoclonal antibody.

Claim 30 (new): The method of claim 28, wherein said antibody is a humanized antibody.

Claim 31 (new): The method of claim 28, wherein said antibody is an antibody fragment.

Claim 32 (new): The method of claim 28, wherein said antibody is labeled.

Claim 33 (new): The method of claim 28, wherein said detecting binding of said antibody to said polypeptide comprises:

forming a conjugated antibody by labeling said antibody with a moiety detectable by a detection means;

administering a detectably effective amount of said conjugated antibody to a solution, suspension, cell, cell population, tissue, organ, or organism; and
using a detection means to determine the presence or absence of said polypeptide.

Claim 34 (New): A method for purifying a polypeptide encoded by a nucleic acid that is amplified in lung or colon tumors comprising:

immobilizing an antibody that specifically binds the polypeptide shown in Figure 20 (SEQ ID NO:50) on a support;

contacting said antibody with a sample containing said polypeptide;

washing the immobilized antibody with a first solvent, suitable to remove material that is not said polypeptide; and

washing the immobilized antibody with a second solvent, suitable to remove said polypeptide from said antibody.